

\*New courses effective Fall 2017

REPORT  
of the  
SENATE COMMITTEE ON CURRICULA  
9 November 2016

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**Submitted to the University Senate for its approval:**

**I. NEW COURSES**

[College of Engineering and Computer Science](#)

**ECS 460** Practical Engineering in Industry (3)

Analysis and solutions to real industrial problems at regional industry locations. Emphasis on team skills, lean manufacturing practices, design of experiments, in-process improvement, safety, ethics, and report preparation as appropriate to projects. Instructor approval req.

**CEN 455/655** Materials for Energy Systems (3)

Materials related to energy technologies and existing energy resources. Topics include: geologic fuels; photovoltaics; wind energy; thermoelectrics; electrical energy storage; hydrogen production; storage, and use; solid-state lighting; nuclear energy. Additional work required for graduate students.

**MAT 495/695** Fundamentals of Data Science (3)

Fundamental methods for data science, such as regression, linear discriminant analysis, k-nearest neighbors, support vector machine, k-means, principal component analysis, and non-linear dimension reduction. Performance evaluation and model selection. Additional work required for graduate students.

**MAT 503** Matrix Methods for Data Science (3)

Matrix methods required for data analysis with an emphasis on applications and using software. Specifically, matrix operations, norms, orthogonality, eigendecomposition, SVD, least squares on decomposition, LDA and PCA. Not for math majors or minors.

**MAT 523** Statistical Methods for Data Science (3)

Statistical methods (such as hypothesis testing, parameter estimation, regression, ANOVA, Sampling, experimental design) required for data science. Emphasis on applications and using software.

**MAE 555** Fundamentals of Nano-Science & Nano-Engineering (3)

Definition of nano-, micro-, and macro-scales. Overview of current nano-technology and future potential. Molecular and surface forces at the nanoscale. Atomistic definitions of basic continuum properties. Molecular simulations. Principles of nanofabrication. Characterizations of nanomaterials.

**CIS 563** Introduction to Data Science (3)

Fundamentals of the knowledge discovery and data mining process. Basics of supervised and unsupervised learning. Applications (recommendation and collaborative filtering) and computational tools for carrying out predictive/descriptive modeling.

**CIS 669** Data Science Capstone (3)

Capstone course for MS in Data Science students. Focus on solving real-world and industry-inspired problems and generating professional data products.

[Falk College of Sport and Human Dynamics](#)

**CFS 736** Development of Self-Regulation in Children and Youth (3)

Foundation in the development of regulatory process in children; different facets of self-regulation; effortful control; executive function; and emotional regulation, predictors of self-regulation and benefits of these skills.

**SWK 754** Death, Dying, and Terminal Illness (3)

Death, dying, terminal illness, and coping with trauma and loss as it impacts the individual, family, and identified social networks. Social work practice theory and ethics surrounding the dying process. Consideration of companion animals.

[School of Information Studies](#)

**IST 322** Digital Strategy & Analytics for the Web (3)

Students will examine and craft complete digital strategies that include search engine optimization, email and social marketing, pay-per-click campaigns and gain a deep understanding of web analytics and industry best practices and their business implications.

**IST 336** Leading Issues in Information Security (3)

Leading issues and challenges in information security, and consideration of global perspectives related to current technology trends.

**IST 363** Advanced Front End Web Design (3)

Students are introduced to emerging web technologies to create robust high quality frontend web interfaces. Students learn advanced page layout/styling techniques, as well as responsive design.

**IST 387** Introduction to Applied Data Science (3)

Introduces students to fundamentals about data and the standards, technologies, and methods for organizing, managing, curating, preserving, and using data. Discusses broader issues relating to data management, quality control and publication of data.

**IST 442** Agile Project Management Methodologies (3)

Practical approach to the Agile framework for the Software Development Life-Cycle, unique learning approaches to foster the skills and cultural mindset necessary for success in Agile Project Management.

**IST 455/655** Enterprise IT Consultation (3)

This course focuses on consultation knowledge and skills for information professionals considering challenging career of modern IT consultant. Main focus is on consultation process, research, logical thinking, communications with client, and presenting to broad audiences.

**IST 475** Full Stack Web Development (3)

Students will build full-fledged web application using modern open-source technologies and host it in the cloud, working on frameworks for both server-side and client-side layers of the application.

**IST 636** Leading Issues in Information Security (3)

This course is intended to cover today's leading issues and challenges in information security, considering social, ethical, management, and global perspectives that are related to current technology trends.

**IST 652** Scripting for Data Analysis (3)

Scripting for the data science pipeline. Acquiring, accessing, and transforming data in the forms of structured, semi-structured, and unstructured data.

**IST 665** Evaluating Disruptive Information Technologies and Trends (3)

Introduces concepts and methods for identifying, evaluating, and presenting IT analyses in areas that have potential to cause significant disruption in public and private sector organizations with a focus on social, financial, and technological impacts.

[College of Visual and Performing Arts](#)

**CRS 423** Contemporary Rhetorics of Gender and Sexuality (3)

Advanced exploration of rhetorics of gender and sexuality in contemporary contexts, emphasizing intersectionality of identities. Considers representations of feminism and queerness in popular and political discourses.

**MUS 414/614** Tourism, Museums, and Heritage Sites

This course explores cultural tourism in relations to museums and heritage sites.

**MUS 416/616** Making History, Building Community: Debates and Themes in Museum Interpretation

Explores the role of history museums and their companion spaces – historical sites, national parks, memorials, and monuments – in shaping understanding of the past, the interpretive challenges that arise with public engagement.

**II. REVISED COURSES**

[College of Engineering and Computer Science](#)

**From: CEN 651** Chemical Engineering Thermodynamics (3) – No Prereq:

Classical thermodynamics of phase equilibria. Thermodynamic properties from volumetric data. Intermolecular forces. Fugacities of gas mixtures. Fugacities in liquid mixtures. Excess functions. Theories of solutions. Polymer solutions. Solubilities of gases and solids in liquids. High-pressure vapor-liquid equilibria.

**Change** [Title, Description, Prereq, and Double numbered]

**To: CEN 451/651** Molecular and Statistical Thermodynamics (3) Prereq: CEN 353

Classical and molecular thermodynamics in chemical equilibrium, with applications. Emphasis on concepts of statistical mechanics and correlation with properties of gases and condensed matter. Additional work required of graduate students.

**From: CIE 632** Structural Design II (3) Prereq: CIE 631

Matrix methods in the analysis of complex structural systems. Structural dynamic analysis of single- and multi-degree-of-freedom systems.

**Change** [Title, Description, and Prereq]

**To: CIE 632** Structural Dynamic and Earthquake Engineering (3) No Prerequisite

Dynamic response of single- and multi-degree-of-freedom structures. Time domain and frequency domain analyses. Linear and nonlinear systems. Applications to earthquake engineering. Blast loading and soil-structure interaction affects.

## School of Information Studies

From: **IST 263** Design and Management of Internet Services (3)

Principles for construction and publication of multimedia documents for the Web. Incorporate a user-based approach to planning, design, implementation, and management in distributed environments.

**Change** [Title and Description]

To: **IST 263** Introduction to Front-End Web Development (3)

Principles for construction and publication of multimedia documents for the Web. Incorporate a user-based approach to planning, design, implementation, and management with and entrepreneurial perspective and with a focus on client/enterprise.

From: **IST 522** Applied Information Security (3)

**Change** [Number]

To: **IST 704** Applied Information Security (3)

Applications of information security including hands-on experience. Students who successfully complete this course will understand how information security technology is applied to real systems.

From: **IST 720** Advanced Topics: User Information Needs (3)

Critical and emerging issues in meeting the information needs of users.

**Change** [Title and Description]

To: **IST 720** Topics in Library Leadership

Topics related to library leadership offered as available. May include advocacy, budgeting, grant writing, fund-raising, and other topics as appropriate.

## Maxwell School of Citizenship and Public Affairs

**PAI 601** Fundamentals of Conflict Studies (3)

**Change** [Converted to online]

Introduction to a broad range of areas related to the analysis and resolution of conflict, focusing on the interdisciplinary study of defining, understanding and addressing conflict.

**PAI 730** Problems in Public Administration (3)

**Change** [Converted to online]

May include specific courses focusing on international economic development; non-profit and international non-governmental organization management; federal policy formation; technology and governance issues; e-government; GIS mapping and dispute resolution management.

**PAI 747** Human Resources Management for the Public Sector (3)

**Change** [Converted to online]

Theory, research, and practices for effective human resources management in public and non-profit agencies. Political and instructional context of public sector human resources management, evolution of U.S. civil service system, critical issues confronting public managers.

**PAI 755** Public Administration and Democracy (3)

**Change** [Converted to online]

Public policy and administration in the context of a constitutional democracy. Relationships between administrative and constitutional values.

**PAI 785** Policy Implementation (3)

**Change** [Converted to online]

Issues of implementation of domestic and international programs and policies; explores various roles that elected officials, public managers, NGOs, and contractors play in program implementation and how these actions affect the larger policy-making process; develop skills to improve policy implementation efforts.

**PAI 895** Mid-Career Training Group (3)

**Change** [Converted to online]

Core seminars for mid-career administrators who have has some years of experience in government or public service institutions to prepare them for responsible management posts.

**PAI 897** Fundamentals of Policy Analysis (3)

**Change** [Converted to online]

Provides an understanding of some of the models and methods used in policy analysis for the public and non-profit sector.

**PAI 996** Master's Project Paper (3)

**Change** [Converted to online]

Preparation of final paper: case study, policy analysis, or management study. Design, description, analysis, and policy recommendations. Required for M.A. in public administration. (mid-career students only)



College of Visual and Performing Arts

From: **CRS 414**                      Communication and Gender (3)

**Change** [Number]

To: **CRS 323**                      Communication and Gender (3)

Exploration of assumptions underlying different approaches to gender and communication.  
Gender and power implications of understanding communication as socially constructing identity  
and societal structures.

### III. NEW PROGRAMS

#### Maxwell School of Citizenship and Public Affairs

##### Executive Master's in Public Administration (EMPA)

##### Background

The proposal for the distance education format for the EMPA degree emerged from discussions in the 2014 -15 academic-year among the Senior Vice President for Enrollment Management, the Deans of the Maxwell School, the Chair of the Public Administration and International Affairs (PAIA) Department, the Director of Executive Education programs, and a distance education vendor, 2U Inc. Subsequent to these initial discussions, the Chair established a six-person faculty committee to consider and evaluate all aspects of a distance education option. The work of this committee took place over a seven-month period. There were also four PAIA faculty wide discussions that took place during the fall 2015 and spring 2016 semesters and concluded with the PAIA faculty voting to support the online EMPA proposal. The Maxwell School Curriculum Committee has reviewed the proposal and voted to recommend the online program for approval.

The Deans of the School and leaders of the Department of Public Administration and International Affairs have worked with 2U to clarify the desired audience for this program. 2U's market studies suggest there are sizeable numbers of mid-career professionals from across the United States working in the public and non-profit sectors organizations and lacking the time or inclination to attend residential master of public administration programs. 2U sees the EMPA program as an ideal program to market given the reputation of the Maxwell public administration faculty and the importance of the public administration curriculum for advancement in careers in public and non-profit sectors. As well, military officers and some enlisted men and women who are stationed inside and outside the United States may find the distance education option attractive. We also believe that the partnership with 2U will support a more general strategy to market professional programs offered by the Maxwell School.

The Maxwell School faculty committee members and leadership have also worked closely with 2U senior officers to understand the pedagogical possibilities and limitations of the distance education format. As part of this work, 2U senior staff members have had a series of working meetings with faculty to discuss 2U's technological platform and its approach to instruction. The Maxwell School faculty committee members and leadership are encouraged by the positive track record 2U has with other Schools and Colleges at Syracuse University. 2U has an impressive cadre of professional staff who will train and support faculty to develop and deliver online courses. For example, each faculty member building online content will be paired with a 2U on line content development expert. In addition, 2U staff members will provide extensive support to faculty members teaching "real time" or "synchronous" sessions. This support will include both instruction on the learning platform prior to the commencement of teaching, and ongoing support which will include having a 2U staff member available to be virtually present during on line courses to assist the instructor as needed.

##### Distance Education and the EMPA Degree

The Department of Public Administration and International Affairs has established a faculty governance and oversight committee. Its members will control the admissions process and set admission standards as well as enrollment targets for the distance program. The students of the distance education EMPA will receive the same degree as students in the residential EMPA

program. Accordingly, they would be subject to the same academic standards as students in the residential program and the number of course requirements will be the same in both programs. The online program may be completed within five consecutive quarters or 1.25 calendar years or over a longer period of time as a part-time student.

**SIDE-BY-SIDE COMPARISON**  
**Application to add a Distance Education Format**

Category	Current Requirements	Proposed Distance Ed Format
<b>General Requirements</b>	The degree consists of ten 3-credit courses, including three required courses (see below) and seven electives. The 30-credit program may be completed in one calendar year of full-time study or in a variety of part-time formats.	No change
<b>Required Courses</b>	<ul style="list-style-type: none"> <li>• PAI 895 - Mid-Career Executive Education Seminar (managerial leadership)</li> <li>• PAI 897 - Fundamentals of Policy Analysis,</li> <li>• PAI 996 - Master’s Project Capstone</li> </ul>	No change
<b>Elective Courses</b>	<ul style="list-style-type: none"> <li>• 3 of the 7 electives must be selected from Public Administration and International Affairs (PAIA) course offerings.</li> <li>• 4 of the additional electives may be from another department within the Maxwell School or, with permission from the graduate director, from another college or school of the University.</li> </ul>	<p>The elective course requirements will remain the same, that is 3 of the 7 electives selected MUST BE from PAIA course offerings and 4 of the additional electives MAY BE, with permission from the graduate director, from another college or school of the University that offer similar online courses. To insure students will have adequate PAIA online offerings, the faculty will develop the following courses in distance education format:</p> <p>PAI 755: PA &amp; Democracy  PAI 785: Policy Implementation  PAI 730: Collaborative and Participatory Governance  PAI 747: Human Resource Management for the Public Sector  PAI 730: Data Driven Management  PAI 601: Fundamentals of Conflict  PAI 730: Managing Individual, Group and Systemic Conflict</p>
<b>Additional Requirements</b>	None	No change

## Whitman School of Management

### Master of Science in Marketing

#### **Overview**

This document proposes a new Master of Science in Marketing program for the Whitman School of Management. The curriculum for the program will be developed and taught by faculty from the Whitman School of Management at Syracuse University.

Marketing is the business function of creating, communicating and delivering value to customers with whom the firm seeks to establish and maintain profitable long term relationships. Effective marketing in today's dynamic and complex market place requires sophisticated strategic thinking that creatively matches a firm's unique capabilities with profitable market opportunities based upon solid analysis of market data and coordinated implementation of product, pricing, distribution and promotion policies. The Master of Science in Marketing degree program focuses on rigorous development of these competencies to prepare current and aspiring marketing professionals to play leading roles in the field of marketing. The program consists of business foundation courses (9 credits), required marketing core courses (6 credits), selective courses (6 credits) and electives (9 credits), for a total of 30 credits. Students who have satisfactorily completed any of the management foundation courses before entering the program may substitute courses(s) from the list of approved courses. The required and elective courses supporting the program are and will continue to be regularly offered on campus.

The program aims at preparing current and aspiring marketing professionals with advanced knowledge and skills in marketing, so that they can play leading roles in the field of marketing in a variety of corporate, non-profit, and consulting sectors.

Accepted applicants will have a U.S. Bachelor's degree (or its equivalent) from an accredited college or university. Applicants are required to submit a GMAT or GRE score. International students are required to submit a TOEFL score. Significant professional work experience is desirable.

The anticipated launch for this program is Fall 2017. The initial cohort is expected to be approximately 15-20 students and will grow from there.

#### **Curriculum**

The M.S. in Marketing is a 30-credit hour program.

MS in Marketing: Business Foundation Courses (9 Credits)
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MBC 601: Economic Foundations of Business (1.5 credits)
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MBC 607: Understanding Financial Statements (1.5 credits)
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MBC 609: Accounting for Managerial Decisions (1.5 credits)
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MBC 628: Fundamentals of Financial Management (1.5 credits)
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MBC 638 – Data Analysis & Decision Making (3 credits)
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MS in Marketing: Marketing Core Courses (6 Credits)
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MBC603: Creating Customer Value (1.5 credits)  
MBC604: Managing the Marketing Mix (1.5 credits)  
MAR754: Seminar in Marketing Research (3 credits)

MS in Marketing: Marketing Core Selective Courses (6 Credits – Select 2 of 3)

MAR745: Strategic Brand Management (3 credits)  
MAR755: Marketing Communications Strategy (3)  
MAR757: Managing Innovative Products and New Ventures (3 credits)

MS in Marketing Selectives (9 Credits – Select 3)

MAR721: Marketing and the Internet (3 credits) MAR756:  
Market Measurement and Analysis (3 credits) MAR600:

Special Topics

Or the 3<sup>rd</sup> course from the “selectives”

Under special circumstances and with the approval of the faculty advisor, students will be permitted to take no more than two non-marketing courses, which include courses cross-listed between marketing and non-marketing disciplines

## IV. REVISED PROGRAMS

### College of Engineering and Computer Science

BS in Chemical Engineering

#### **PROPOSED REVISION TO B.S. IN CHEMICAL ENGINEERING**

Currently the B.S. program in chemical engineering requires 29 credits in the physical sciences, 21 of which are in chemistry, 45 credits in engineering, and 12 credits of technical electives, which must be approved by the department and generally are chosen from math, physical science, and engineering courses not otherwise required. One of the currently required chemistry courses is CHE 356 – Physical Chemistry II (3 credits).

The proposed revision is to remove CHE 356 as a required course, replacing it with a restricted technical elective, such that students must instead select one of:

- CHE 356 – Physical Chemistry II (3 credits)
- CEN 451 – Statistical & Molecular Thermodynamics (3 credits)
- CEN 551 – Biochemical Engineering (3 credits)

This revision would result in 26 required credits in the physical sciences (18 in chemistry), 45 credits in engineering, and 15 credits of technical electives. All chemical engineering B.S. students will still graduate with a minimum of 5 credits of Physical Chemistry (CHE 346,347) and a minimum of 6 credits of Chemical Engineering Thermodynamics (CEN 252,353). Please note that the proposed change preserves both the ABET math/science minimum requirements and engineering minimum requirements, as well as the NYSED liberal arts minimum requirements.

The motivation for proposing this change is to provide students with more flexibility in tailoring their B.S. degree towards their ultimate career goals. CHE 356 is most appropriate for students desiring a more traditional chemistry-track career path; CEN 451 for students interested in pursuing engineering graduate degrees or with a particular interest in computer-based molecular modeling; and CEN 551 for students interested in bioengineering fields (e.g. pharmaceuticals).

**SIDE-BY-SIDE COMPARISON OF ESTABLISHED BS IN CHEMICAL ENGINEERING WITH  
PROPOSED REVISIONS**

	<b>CH06-BSCEN</b>	<b>BS CEN</b>
	<b>(established)</b>	<b>(proposed revisions)</b>
<b>minimum credits</b>	128	128
<b>required chemistry courses</b>	CHE 106, CHE 107, CHE 116, CHE 117, CHE 275, CHE 276, CHE 346, CHE 347, <b>CHE 356</b> <b>(21 credits)</b>	CHE 106, CHE 107, CHE 116, CHE 117, CHE 275, CHE 276, CHE 346, CHE 347 <b>(18 credits)</b>
<b>required engineering credits</b>	45	45
<b>restricted technical electives</b>	(1) At least one technical elective must be in Chemical Engineering.	(1) At least one technical elective must be in Chemical Engineering; <b>(2) In addition to (1), students must choose one course from CHE 356, CEN 451, or CEN 551.</b>
<b>total technical elective credits</b>	<b>12</b>	<b>15</b>

Program change to add new course SWK 754 to the Master of Social Work

**Table 1. Side-by-Side Comparison of Existing and Revised MSW 2<sup>nd</sup> Year Concentrations**

<b>Advanced Clinical Practice</b>		<b>Advanced Integrated Practice</b>	
<b>Current</b>	<b>Proposed</b>	<b>Current</b>	<b>Proposed</b>
<b>Foundation Courses (3 credit hours each)</b>		<b>Foundation Courses (3 credit hours each)</b>	
SWK 601 Fundamentals of Social Work Practice I	SWK 601 Fundamentals of Social Work Practice I	SWK 601 Fundamentals of Social Work Practice I	SWK 601 Fundamentals of Social Work Practice I
SWK 602 Fundamentals of Social Work Practice II	SWK 602 Fundamentals of Social Work Practice II	SWK 602 Fundamentals of Social Work Practice II	SWK 602 Fundamentals of Social Work Practice II
SWK 611 Social Welfare Policy and Services	SWK 611 Social Welfare Policy and Services	SWK 611 Social Welfare Policy and Services	SWK 611 Social Welfare Policy and Services
SWK 626 Persons in Social Contexts	SWK 626 Persons in Social Contexts	SWK 626 Persons in Social Contexts	SWK 626 Persons in Social Contexts
SWK 628 Human Diversity in Social Contexts	SWK 628 Human Diversity in Social Contexts	SWK 628 Human Diversity in Social Contexts	SWK 628 Human Diversity in Social Contexts
SWK 662 Applied Research In Social Work	SWK 662 Applied Research In Social Work	SWK 662 Applied Research In Social Work	SWK 662 Applied Research In Social Work
SWK 671 Field Instruction I	SWK 671 Field Instruction I	SWK 671 Field Instruction I	SWK 671 Field Instruction I
SWK 672 Field Instruction II	SWK 672 Field Instruction II	SWK 672 Field Instruction II	SWK 672 Field Instruction II
<b>Concentration Level Courses (3 credit hours each)</b>		<b>Concentration Level Courses (3 credit hours each)</b>	
SWK 771 Field Instruction III	SWK 771 Field Instruction III	SWK 771 Field Instruction III	SWK 771 Field Instruction III
SWK 772 Field Instruction IV	SWK 772 Field Instruction IV	SWK 772 Field Instruction IV	SWK 772 Field Instruction IV
SWK 724 Psychopathology	SWK 724 Psychopathology	SWK 724 Psychopathology	SWK 724 Psychopathology
SWK 730 Family Systems Theory	SWK 730 Family Systems Theory	SWK 730 Family Systems Theory	SWK 730 Family Systems Theory
SWK 732 Advanced Practice with Individuals, Families, and Groups	SWK 732 Advanced Practice with Individuals, Families, and Groups	SWK 743 Advanced Integrated Social Work Practice	SWK 743 Advanced Integrated Social Work Practice
SWK 733 Social Work Practice in Mental Health	SWK 733 Social Work Practice in Mental Health	Advanced Macro Practice (selected from approved list, see Appendix)	Advanced Macro Practice (selected from approved list, see Appendix)
SWK 781 Alcohol & Drugs in Social Work Practice	SWK 781 Alcohol & Drugs in Social Work Practice	Advanced Micro Practice (selected from approved list, see Appendix)	Advanced Micro Practice (selected from approved list, see Appendix)
		Advanced Micro Practice from micro list <u>or</u> Advanced Macro Practice selected from macro list (see Appendix)	Advanced Micro Practice from micro list <u>or</u> Advanced Macro Practice selected from macro list (see Appendix)



<b>Current</b>	<b>Proposed</b>	<b>Current</b>	<b>Proposed</b>
SWK 776 Clinical Practice Evaluation	SWK 776 Clinical Practice Evaluation	SWK775 Program Evaluation or SWK776 Clinical Practice Evaluation	SWK775 Program Evaluation or SWK776 Clinical Practice Evaluation
SWK 761 Mental Health Policy	SWK 761 Mental Health Policy	Advanced Policy – select one: SWK 761 Mental Health Policy SWK 763 Health Care Policy SWK 765 Aging & Public Policy SWK 768 Child & Family Policy	Advanced Policy – select one: SWK 761 Mental Health Policy SWK 763 Health Care Policy SWK 765 Aging & Public Policy SWK 768 Child & Family Policy
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective		
<i>Total credits=60</i>	<i>Total credits=60</i>	<i>Total credits=60</i>	<i>Total credits=60</i>

**APPENDIX: List of Approved Micro and Macro Courses for Advanced Integrated Practice**

<b>Approved Micro Practice Courses</b>		<b>Approved Macro Practice Courses</b>	
SWK 702 Social Work Practice in Family Mental Health	SWK 702 Social Work Practice in Family Mental Health	SWK 714 Supervision, Consultation, & Staff Development	SWK 714 Supervision, Consultation, & Staff Development
SWK 707 Short Term Intervention in Social Work	SWK 707 Short Term Intervention in Social Work	SWK 715 Administration in Human Services	SWK 715 Administration in Human Services
SWK 709 Practice with Children, Adolescents and Families	SWK 709 Practice with Children, Adolescents and Families	SWK 774 Proposal Writing & Program Development	SWK 774 Proposal Writing & Program Development
SWK 712 Clinical Social Work with Groups	SWK 712 Clinical Social Work with Groups	SWK 777 Community Organization & Development	SWK 777 Community Organization & Development
SWK 735 Principles & Methods of Social Work Practice with Black Families	SWK 735 Principles & Methods of Social Work Practice with Black Families	SWK 778 Policy Practice & Advocacy	SWK 778 Policy Practice & Advocacy
SWK 736 Evidence-based Approaches to Mental Health Treatment	SWK 736 Evidence-based Approaches to Mental Health Treatment	SWK 779 Seminar in Organizational Development & Leadership	SWK 779 Seminar in Organizational Development & Leadership
SWK 737 Strategies for Community Behavioral Health Practice	SWK 737 Strategies for Community Behavioral Health Practice		
SWK 738 Core Concepts in Trauma Treatment for Children & Adolescents	SWK 738 Core Concepts in Trauma Treatment for Children & Adolescents		
SWK 740 Treatment of Complex Trauma with Individuals	SWK 740 Treatment of Complex Trauma with Individuals		

SWK781 Alcohol & Drugs in Social Work Practice	SWK781 Alcohol & Drugs in Social Work Practice		
	<b>SWK 754 Death, Dying and Terminal Illness</b>		

## V. SCHOOL/COLLEGE CURRICULUM CHAIRS AND CONTACTS

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